Examples of 2004 API Base Calculation for a K-5 School

Table 5A
Simple Calculation

	Grade	Content Area	Test Weights A	Individual Student Scores	Individual Scores Weighted for API B	Weight x Score C A x B
Student 1	2	CST ELA	0.480	Advanced	1000	480.00
Student 1	2	CST Math	0.320	Advanced	1000	320.00
Student 2	3	CST ELA	0.480	Proficient	875	420.00
Student 2	3	CST Math	0.320	Proficient	875	280.00
Student 2	3	NRT Read	0.060	50 NPR	700	42.00
Student 2	3	NRT Lang	0.030	70 NPR	875	26.25
Student 2	3	NRT Spell	0.030	55 NPR	700	21.00
Student 2	3	NRT Math	0.080	75 NPR	875	70.00
Student 3	4	CST ELA	0.480	Basic	700	336.00
Student 3	4	CST Math	0.320	Basic	700	224.00
Student 4	5	CST ELA	0.480	Advanced	1000	480.00
Student 4	5	CST Math	0.320	Proficient	875	280.00
Student 4	5	CST Sci	0.200	Proficient	875	175.00
School Total:			3.600			3154.25

School's API

= **876**

(total Column C divided by total Column A)

Table 5B
Calculation Showing School's Content Area Weights

	Student Scores					School				
		Individual Scores Weighted for API				Number of Student Scores	Weight for All Scores	School's Content Area Weights	Average of Student Weighted Scores	Weighted Average of Student Weighted Scores
	Test Weights	Student 1 (Gr. 2)	Student 2 (Gr. 3)	Student 3 (Gr. 4)	Student 4 (Gr. 5)					
	A	B1	B2	B3	B4	C	D	E	F	G
Content Area						Count of B1, B2, B3, & B4	A x C	D/ Total of Column D	Average of B1, B2, B3, & B4	E x F
CST ELA	0.480	1000	875	700	1000	4	1.920	53.3%	893.75	476.6667
CST Math	0.320	1000	875	700	875	4	1.280	35.6%	862.50	306.6667
CST Science	0.200				875	1	0.200	5.6%	875.00	48.6111
NRT Reading	0.060		700			1	0.060	1.7%	700.00	11.6667
NRT Language	0.030		875			1	0.030	0.8%	875.00	7.2917
NRT Spelling	0.030		700			1	0.030	0.8%	700.00	5.8333
NRT Math	0.080		875			1	0.080	2.2%	875.00	19.4444
Total	1.200						3.600	100.0%		

School's API = **876**

(sum of Column G)

NOTES:

"School's API" is the weighted average of student scores based upon the number of valid scores.

"Individual Scores Weighted for API" are valid student scores that have API performance level weighting factors applied (i.e., 200, 500, 700, 875, or 1000).